



### 杜启艳

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姓名： 杜启艳

职称： 教授（硕导）

办公电话： 13849386587

电子邮箱：

<p><b>个人简介：</b></p> <p>1964年5月出生，河南卫辉人。1985年毕业于河南师范大学生物系。1990年毕业于武汉大学生物系，获硕士学位。河南师范大学生命科学学院教授，硕士生导师。长期从事分子细胞遗传学研究，在动物性别决定与分化分子机制及其与环境因素的关系等方面取得了一定的成绩。先后在Theriogenology, Environmental Toxicology and Pharmacology, Toxicology and Industrial Health, Fish Physiol Biochem.等国际高水平SCI刊物发表论文40余篇。先后主持国家自然科学基金项目、河南省重点科技攻关项目等多项。</p>
<p><b>研究领域：</b></p> <p>分子细胞遗传学</p>
<p><b>主要学术及社会兼职：</b></p> <p>无</p>
<p><b>主持或参加科研项目情况：</b></p> <p>1. 国家自然科学基金, 两种泥鳅中CYP19基因的克隆及其在性腺分化过程作用机制(No. 30771666), 2007-20092. 河南省重点科技攻关, 抗病抗菌绿色饲料添加剂秃疮花的开发(No. 172102110098), 2017-20183. 河南省科技厅科技攻关, 河南土著鱼类染色体组操作 (No. 0424050016), 2004-20064. 河南省教育厅自然科学基金项目, 鲤鱼性别相关基因的克隆和特性分析(No. 200180013), 2000-20025. 河南省重点科技攻关, 博落回生物活性物质的规模化分离及产业化开发 (No. 172102210048), 2017-20186. 河南省杰出青年基金, 鱼类性别决定和分化的分子机制(No. 0512001800), 2002-20047. 河南省高校杰出科研人才创新工程项目, 鱼类珠蛋白基因的克隆及其在鱼类新品种培育中的应用, (No. 2001KYCX010), 2001-20038. 河南省重点科技攻关, DNA重组技术在鱼类新品种培育中的应用, (No. 991160102), 1999-20029. 河南省高校省级重点研究项目, 基因工程教学内容改革研究与实践 (No. 2014SJGLX024), 2013-2015</p>
<p><b>学术成果：</b></p> <p>代表性论文：</p> <p>1. Du Qi-Yan, Wang Feng-Yu, Hua Hui-Ying and Chang Zhong-Jie .Cloning and study of adult-tissue-specific expression of Sox9 in Cyprinus carpio. Journal of Genetics, 2007 86(2):85-91</p> <p>2. QI-YAN DU, Nan Ping, ZHONG-JIE CHANG, YING CHEN Structure Comparison of <math>\beta</math> globin gene in Common, Crucian and Grass Carp Genetics and Molecular Biology2007,8(1):125-132</p> <p>3. Ping Nan, Shuaiguo Yan, Jianjun Chen, Xiaohua Xia, Qiyang Du and Zhongjie Chang, Evaluation of 8-hydroxyquinoline toxicity on different developmental stages of loach (Misgurnus anguillicaudatus) using acute toxicity test, hepatase activity and comet assay. Food, Agriculture and Environment (JFAE). 2013, 11(1):771-776.</p> <p>4. Ping Nan, Xiao-hua Xia, Qi-yan Du, Jian-jun Chen, Xiao-hua Wu, Zhong-jie Chang, Genotoxic effects of 8-hydroxyquinoline in loach (Misgurnus anguillicaudatus) assessed by the micronucleus test, comet assay and RAPD analysis. Environmental Toxicology and Pharmacology, 2013, 35(3):434 - 443</p> <p>5. Xia X, Chen J, Zhang L, Du Q, Sun J, Chang Z. Molecular cloning and mRNA expression pattern of Sox10 in Paramisgurnus dabryanus. Mol Biol Rep. 2013, 40(4):3123-3134.</p> <p>6. J. J. Chen, Q. Y. Du, Y. Y. Yue, B. J. Dang and Z. J. Chang Screening and identification of male-</p>

specific DNA fragments in common carps *Cyprinus carpio* using suppression subtractive hybridization *Journal of Fish Biology*, 2010, 77(7):1-11 2010-6-6 SCI

7. XIAOHUA XIA, JIE ZHAO, QIYAN DU and ZHONGJIE CHANG cDNA cloning and expression analysis of two distinct Sox8 genes in *Paramisgurnus dabryanus* (Cypriniformes) *Journal of Genetics* 2010, 89(2), 183-192 2010-7-1 SCI

8. Xiaohua Xia, Jie Zhao, Qiyang Du, Jinhua Zhi and Zhongjie Chang Cloning and identification of a female-specific DNA marker in *Paramisgurnus dabryanus* *Fish Physiology and Biochemistry*.

9. Xiaohua Xia, Jie Zhao, Qiyang Du, Jinhua Zhi and Zhongjie Chang Toxic effects of imidacloprid on adult loach (*Misgurnus anguillicaudatus*) *Environmental Toxicology and Pharmacology* 2016, 45: 132-139

10. Ping Nan, Shuai-guo Yan, Ya-xing Wang, Qi-yan Du, Zhong-jie Chang \*Oxidative stress, genotoxicity and cytotoxicity of 1-methyl-3-octylimidazolium chloride on *Paramisgurnus dabryanus* *Environmental Toxicology and Pharmacology* 2016, 47: 1-5

11. Zhang Wanwan Jia Yongfang Liang Tingting Zhang Ruihua Du Qiyang Chang Zhong. The optimal reference genes in Yellow River Carp (*Cyprinus Carpio. var*) during different tissues, gender and gonad development periods *Pakistan J. Zool.*, 2016, 48(6): 1615-1622 SCI

12. Ping Nan, Shuaiguo Yan, Li Li, Jianjun Chen, Qiyang Du, Zhongjie Chang. Toxicity effect of dichlorvos on Loach (*Misgurnus anguillicaudatus*) assessed by micronucleus test, hepatase activity analysis and comet assay. *Toxicology and Industrial Health*, 2015, 31(6):566-575.

13. Jian-Jun Chen, Xiao-Hua Xia, Li-Fang Wang, Yong-fang Jia, Ping Nan, Li Li, Zhong-Jie Chang. Identification and comparison of gonadal transcripts of testis and ovary of adult common carp *Cyprinus carpio* using suppression subtractive hybridization, *Theriogenology* 83 (2015) 1416-1427

14. Jianjun Chen, Youli Wang, Yuanyuan Yue, Xiaohua Xia, Qiyang Du and Zhongjie Chang\*, A novel male-specific DNA sequences in common carp, *Cyprinus carpio*. *Molecular & Cellular Probes*, 2009, 23(5), 235-239

专利成果:  
1. 河南省高等教育教学成果奖一等奖